

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Cytokines and their use in treatment and/or prophylaxis of breast cancer"

the specification of which (check only one item below)

is attached hereto.

was filed as United States application

Serial No. 09/051,939

on 23 April 1998

and was amended

on _____ (if applicable).

was filed as PCT international application

Number PCT/AU96/00676

on 25 October 1996

and was amended under PCT Article 19

on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate PCT #)	APPLICATION NUMBER	DATE OF FILING (day month year)	PRIORITY CLAIMED UNDER 35 USC 119
Australia	PN 6242	27 October 1995	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Australia	PN 6243	27 October 1995	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Australia	PN 8966	27 March 1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Australia	PO 0364	7 June 1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

the filing date of the prior application, and Section 371(e)(1) of the Patent Act, which provides that if an international application is filed under Article 337 of the Paris Convention, the International Bureau shall forward the application to the appropriate patent office in the United States, and the United States Patent and Trademark Office shall then proceed to examine the application in accordance with the laws of the United States. The International Bureau shall forward the application to the appropriate patent office in the United States, and the United States Patent and Trademark Office shall then proceed to examine the application in accordance with the laws of the United States. The International Bureau shall forward the application to the appropriate patent office in the United States, and the United States Patent and Trademark Office shall then proceed to examine the application in accordance with the laws of the United States.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Stephen D. Murphy, Reg. No. 22,002; Leopold Presser, Reg. No. 19,427; William C. Roch, Reg. No. 24,972; Kenneth L. King, Reg. No. 24,123; Franz S. DIGIGLIO, Reg. No. 31,346; Paul J. Eastaq, Jr., Reg. No. 30,749; John S. Senesny, Reg. No. 28,757; Mark J. Cohen, Reg. No. 32,211; Richard L. Catania, Reg. No. 32,808 and Donald T. Black, Reg. No. 27,999.

Send Correspondence to:
Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, NY 11530

Direct Telephone Calls to:
(Name and telephone number)
Leopold Presser
(516) 742-4343

201	FULL NAME OF INVENTOR DOUGLAS	FAMILY NAME DOUGLAS	FIRST GIVEN NAME Andrea	SECOND GIVEN NAME Margaret
	RESIDENCE & CITIZENSHIP East Bentleigh	STATE OR FOREIGN COUNTRY Victoria, Australia	COUNTRY OF CITIZENSHIP Australia	
POST OFFICE ADDRESS 45 Catherine Road	POST OFFICE ADDRESS 45 Catherine Road	STATE & ZIP CODE COUNTRY East Bentleigh, Victoria	STATE & ZIP CODE COUNTRY 3165, Australia	
202	FULL NAME OF INVENTOR BEGLEY	FAMILY NAME BEGLEY	FIRST GIVEN NAME Colin	SECOND GIVEN NAME Glenn
	RESIDENCE & CITIZENSHIP Donvale	STATE OR FOREIGN COUNTRY Victoria, Australia	COUNTRY OF CITIZENSHIP Australia	
POST OFFICE ADDRESS 3 Era Court	POST OFFICE ADDRESS 3 Era Court	STATE & ZIP CODE COUNTRY Donvale, Victoria	STATE & ZIP CODE COUNTRY 3111, Australia	
203	FULL NAME OF INVENTOR 	FAMILY NAME 	FIRST GIVEN NAME 	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP 	STATE OR FOREIGN COUNTRY 	COUNTRY OF CITIZENSHIP 	
POST OFFICE ADDRESS 	POST OFFICE ADDRESS 	STATE & ZIP CODE COUNTRY 	STATE & ZIP CODE COUNTRY 	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202 	SIGNATURE OF INVENTOR 203
DATE	DATE 	DATE

Signature for fourth and subsequent joint inventors.
Number of pages added ____.

As I below attest, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled, "Cytokines and their use in treatment and/or prophylaxis of breast cancer"

the specification of which (check only one item below):

is attached hereto.
 was filed as United States application

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (If PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING day month year	PRIORITY CLAIMED UNDER 35 USC 119
Australia	PN 6242	27 October 1995	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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Australia	PN 8966	27 March 1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Australia	PO 0364	7 June 1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, §120 of my United States application(s) or PCT international application _____ designating the United States of America that are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in (or those prior applications) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER
35 U.S.C. 120:

U S APPLICATIONS		STATUS (Check one)		
U S APPLICATION NUMBER	U S FILING DATE	PATENTED	PENDING	ABANDONED

PCT APPLICATIONS DESIGNATING THE U S		
PCT APPLICATION NO.	PCT FILING DATE	U S SERIAL NUMBERS ASSIGNED * 104*

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Stephen D. Murphy, Reg. No. 22,002; Leopold Presser, Reg. No. 19,827; William C. Roch, Reg. No. 24,972; Kenneth L. King, Reg. No. 24,223; Frank S. DiGiglio, Reg. No. 31,346; Paul J. Esatto, Jr., Reg. No. 30,749; John S. Senseny, Reg. No. 28,757; Mark J. Cohen, Reg. No. 32,211; Richard L. Catania, Reg. No. 32,808 and Donald T. Black, Reg. No. 27,999.

Send Correspondence to:				Direct Telephone Calls to: (name and telephone number)
Scully, Scott, Murphy & Presser 400 Garden City Plaza Garden City, NY 11530				Leopold Presser (516) 742-4343
201	FULL NAME OF INVENTOR	FAMILY NAME DOUGLAS	FIRST GIVEN NAME Andrea	SECOND GIVEN NAME Margaret
	RESIDENCE & CITIZENSHIP	CITY East Bentleigh	STATE OR FOREIGN COUNTRY Victoria, Australia	COUNTRY OF CITIZENSHIP Australia
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 45 Catherine Road	CITY East Bentleigh, Victoria	STATE & ZIP CODE COUNTRY 3165, Australia
202	FULL NAME OF INVENTOR	FAMILY NAME BEGLEY	FIRST GIVEN NAME Colin	SECOND GIVEN NAME Glenn
	RESIDENCE & CITIZENSHIP	CITY Donvale	STATE OR FOREIGN COUNTRY Victoria, Australia	COUNTRY OF CITIZENSHIP Australia
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 3 Era Court	CITY Donvale, Victoria	STATE & ZIP CODE COUNTRY 3111, Australia
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE COUNTRY

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SIGNATURE OF INVENTOR 201 <i>Andrea Douglas</i>	SIGNATURE OF INVENTOR 202 <i> . . .</i>	SIGNATURE OF INVENTOR 203
DATE <i>29/5/98</i>	DATE <i> . . .</i>	DATE

[] Signature for fourth and subsequent joint inventors.
Number of pages added _____.

- 50 -

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: (Countries other than US) AMRAD OPERATIONS PTY LTD
(US only) DOUGLAS, AM and BEGLEY, CG

(ii) TITLE OF INVENTION: A METHOD OF TREATMENT

(iii) NUMBER OF SEQUENCES: 28

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: DAVIES COLLISON CAVE
(B) STREET: 1 LITTLE COLLINS STREET
(C) CITY: MELBOURNE
(D) STATE: VICTORIA
(E) COUNTRY: AUSTRALIA
(F) ZIP: 3000

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: PCT INTERNATIONAL
(B) FILING DATE: 25-OCT-1996

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PN6242
(B) FILING DATE: 27-OCT-1995
(A) APPLICATION NUMBER: PN6243
(B) FILING DATE: 27-OCT-1995
(A) APPLICATION NUMBER: PN8966
(B) FILING DATE: 27-MAR-1996
(A) APPLICATION NUMBER: PO0364
(B) FILING DATE: 07-JUN-1996

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: HUGHES DR, E JOHN L
(C) REFERENCE/DOCKET NUMBER: EJH/EK

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: +61 3 9254 2777
(B) TELEFAX: +61 3 9254 2770

- 51 -

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 51 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GAGGTGTGAG TGGGATGGTG GGCTGCATCT GATTGCCAA C

51

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GGGCAACACA CAAGTTGCT GATTG

25

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GTTCAGAAC AGTCCGGCCG CTTCGCCTTCG TTCAAGAGCCC

50

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

- 52 -

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

CAGGAGCCGT GCCAGTATTC CCAGG

25

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 51 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CCCTCTGGAA CAGGCCGTGG CAAGGGGCAG TTTGTATGGC C

51

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GAAGTTTGCA TTGAAAACAG GTCCCG

26

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

CTGAGTTCTG GAGCCAGTAC GGTGTGGTTG GAGGGAGGGC

50

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

- 53 -

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

GTGACTGAGG TGAACCCACT GGGTG

25

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 50 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

GTGGGCCTGC TGTGCTGTGC CCAGCCGGCG AGGGTTGCTG

50

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 24 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

CGCCGCAGTT GTCTACGCC AGAG

24

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 52 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

GCTGCATCTA AAGCACATTG GAGATGGTGA GAGCCTGGGC TG

52

(2) INFORMATION FOR SEQ ID NO:12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 25 base pairs
- (B) TYPE: nucleic acid

- 54 -

- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

GACCTGGGCA CAGCTGGAGT GGGTG

25

(2) INFORMATION FOR SEQ ID NO:13:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 50 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

CAGACTACAT AACCGGTGGC TGGCATCCA AGGCACTCAG

50

(2) INFORMATION FOR SEQ ID NO:14:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:

CAAGCAGTAC ACCTCCATGT GGAGG

25

(2) INFORMATION FOR SEQ ID NO:15:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 50 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:

CAGATCCACC CATTGCCCTC CGCCATCCTT CACCCCTAGG

50

- 55 -

(2) INFORMATION FOR SEQ ID NO:16:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:

GGCGAGTTCA GTGAGGTGCT CTATG

25

(2) INFORMATION FOR SEQ ID NO:17:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:

CCACCAAGGTA CTGGGCCAGG GAGGGACCAG TTGCACCTGC

50

(2) INFORMATION FOR SEQ ID NO:18:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:

GCACCGGCTA CAACGGGATC TGGAG

25

(2) INFORMATION FOR SEQ ID NO:19:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

- 56 -

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:

GGAAGGGAGG GTACCGCTGC CTTGACCACC ACCCTGCCTC 50

(2) INFORMATION FOR SEQ ID NO:20:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:

CTGTACCTGG GCGAGGGGTC CGACG 25

(2) INFORMATION FOR SEQ ID NO:21:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:

CCCCCTCCAG AGGTTCACTG AGACACACCA CTCCAGGCCG 50

(2) INFORMATION FOR SEQ ID NO:22:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:

CAGCAGCTCT GAGCCCCAGC CTACC 25

(2) INFORMATION FOR SEQ ID NO:23:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

- 57 -

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:

GCCGACTATT CTATGCCGGC CGTTTGGAA GCTGTCACCG

50

(2) INFORMATION FOR SEQ ID NO:24:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 25 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:

CCGTCCGAGT GGCCAACCCA CCATT

25

(2) INFORMATION FOR SEQ ID NO:25:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 50 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:

GTGTACAAC ACCCCGAGGG CTCATGTCTC CAGCAGACCC

50

(2) INFORMATION FOR SEQ ID NO:26:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 25 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:

CGCCAACGCG CAGGTCTACG GTCAG

25

(2) INFORMATION FOR SEQ ID NO:27:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 51 base pairs
- (B) TYPE: nucleic acid

- 58 -

- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:

CTTCCCCCTCC ATCGTGGGGC GTTTCGTGGA TGCCACAGGA C

51

(2) INFORMATION FOR SEQ ID NO:28:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:

CGACCGAGGCC CAGAGCAAGA GAGGC

25